7” Portable DVD Player

PDV-0700

Operation Manual

Polaroid

20040928

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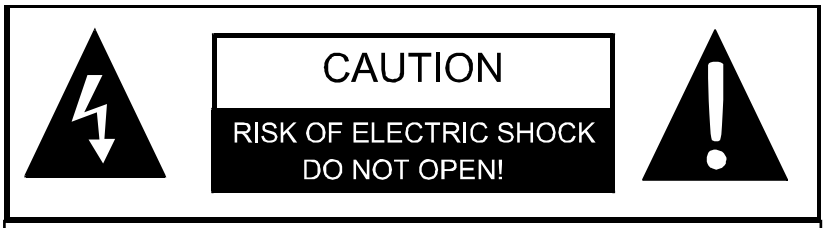
Important Safety Instructions



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be sufficient to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

POWER SUPPLY:
Connect the supplied adapter to the side of the player jack marked with “DC12V In” on the side of the player, then plug the two-prong end of the power cord to an AC100-240V outlet. If you have difficulty inserting the plug, turn it over and reinsert it. If the unit will not be used for a long time, disconnect the plug from the outlet.

NOTE:
Before plugging the power cord into an AC outlet, make sure that all the connections have been made.

CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer to service manual for servicing instructions.

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use near water.
6. Clean only with dry cloth.
7. Do not block any ventilation

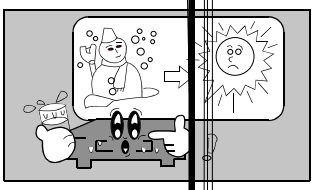
IMPORTANT FOR LASER PRODUCTS

1. CLASS 1 LASER PRODUCT
2. **DANGER:** Visible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. **CAUTION:** Do not open the top cover. There are no user service-able parts inside the unit. Leave all servicing to qualified service personnel.

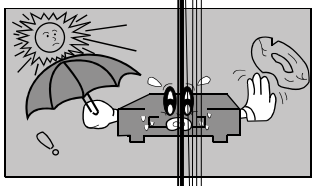
This unit complies with FDA regulation for radiation control of laser products.

Precautions with Moisture

■ Under the following circumstances, moisture may appear on the lens of the product, which is the most sensitive part of the DVD player:

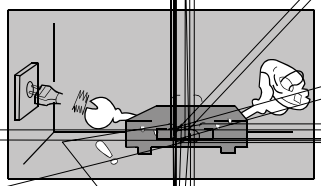


- The DVD player is suddenly moved from a cold place to a warm place.
- A room is heated while the DVD player starts operating, or the DVD is placed by an air-conditioner.
- In the hot summer season, the DVD player is moved from an air-conditioned room to a hot, damp place to be used.
- The DVD player is being operated in a damp place.



■ If moisture appears on the player, discontinue use.

If the player is operated under said conditions, or the disc is loaded, certain interior components could be damaged. Take disc out, plug power in, switch power button on the DVD player for two to three hours to dry.



Function Features

1. EXCELLENT SOUND

Dolby Digital delivers great sound.

2. HIGH RESOLUTION

MPEG2 decoding format achieves more than 500 lines of horizontal resolution.

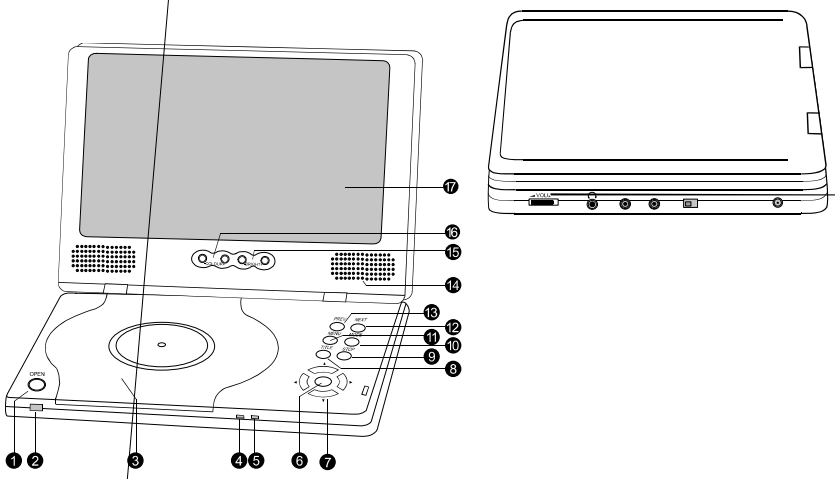
3. SPECIAL FUNCTIONS

Memorizes and continues playing from place stopped.

On-screen displays in your choice14 0 0 7.98 433.62404 6P487 672.84007

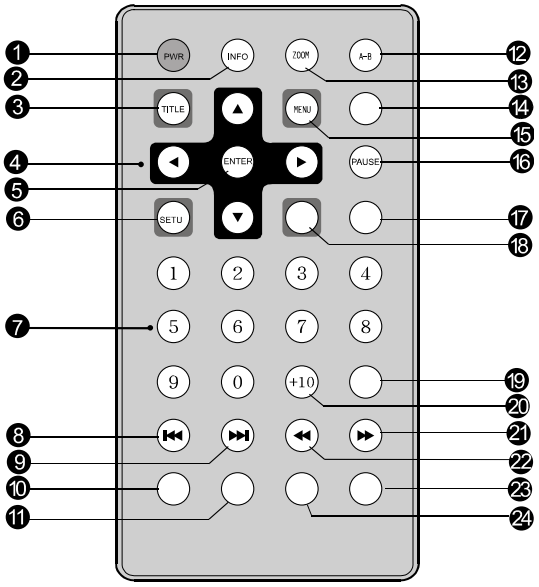
Parts Introduction

DVD Player



1. OPEN button
2. Remote sensor
3. Disc cover
4. Indicator: Lights red when the power switch is on.
5. Indicator: Lights green when the player is in operation.
6. ENTER button
7. Direction buttons
8. TITLE button
9. STOP button
10. MODE button
11. MENU button
12. NEXT SKIP button
13. PREV SKIP button
14. Speaker
15. Bright up/down
16. Color up/down
17. TFT Liquid Crystal Display
18. Earphone/speaker volume knob
19. Earphone jack
20. Audio output/input jack
21. Video output/input jack
22. AV mode switch: AV 'IN' or AV 'OUT'
23. Direct current input jack
24. Power switch

Remote Control



Remote Control

9. ⏭ NEXT SKIP button

-Press to go to next chapter.

10. SUBT button

-When a DVD is playing, press to select a subtitle language or to turn subtitles off.

11. ANGLE button

-Press to access various camera angles (if the DVD disc contains multiple camera angles).

12. A-B button

-Press to mark a segment to repeat between A and B.

13. ZOOM button

-Press to cycle through zoom function.

14. REP button

-Press to repeat a chapter, track, title, or all content.

15. MENU button

-Press to select the disc menu.

16. PAUSE button

-Press to pause playback.

-Press PLAY button to resume normal playback.

17. STOP button

-Press once to stop playback and then press PLAY button to resume normal playback.

-Press the button twice to stop playback completely.

18. PLAY button

-Press to begin playback.

19. GOTO button

-Press to select the desired disc starting time, track or title.

20. +10 button

-Select numbers greater than 9 by pressing the (+10) button first, then press additional number buttons.

21. ⏩ FWD SCAN button

-Press to search forward.

22. ⏪ REV SCAN button

-Press to search backward.

23. SLOW button

-Press to activate slow forward or slow rewind.

24. AUDIO button

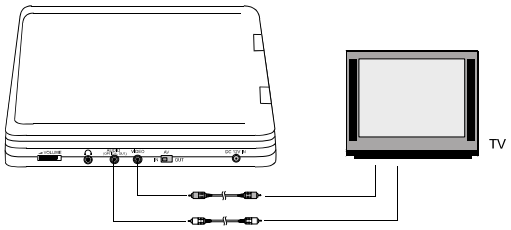
-Press to access various audio languages (if the DVD disc contains multiple audio languages).

Connections

Connecting to a TV

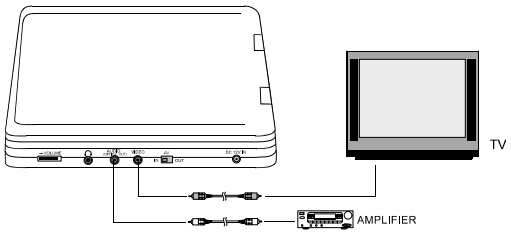
Audio/video connections

1. Always ensure that the DVD player, TV and any other electrical equipment you are connecting the DVD player to is switched off and unplugged from the power supply.
2. The easiest way to connect the DVD player to a television is via the supplied Audio/Video connections. Connect the audio/video cable from the DVD player to the TV's audio/video inputs:



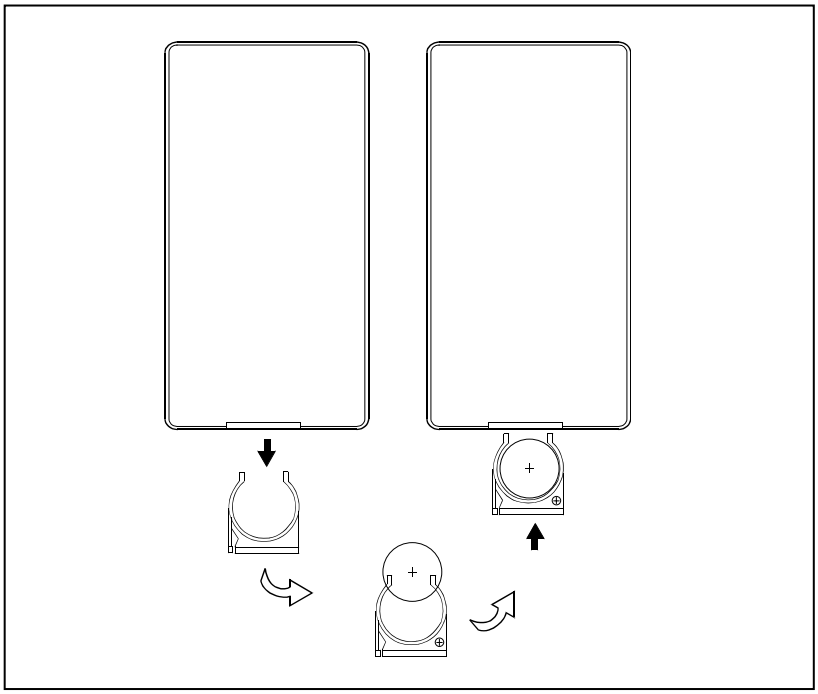
Connecting to an Amplifier with Dolby Digital Decoder

The DVD player can be connected to an AV amplifier or Dolby digital decoder via the Digital Optical output. Please refer to your Audio equipment's manual before connecting:



Playback Preparations

Using the Remote Control



1. Referring to the drawing above, remove the empty battery receptacle.
2. Prior to shipping, a separating film was applied to the battery. Remove this film.
3. Press the battery into the receptacle and insert the receptacle into the remote.
4. For best results, aim the remote directly at the player's receiving window from a range no greater than 15 feet, and at angles no greater than 60 degrees.
5. Under normal use the battery will last for one year.
6. Remove battery during storage

Playback Preparations

Disc Formats Supported by this Player

The unit can play discs bearing any of the following logos:

	DISC LOGO	DIAMETER	PLAYBACK TIME/ PLAYABLE SIDES
DVD		12cm	133 min (SS-SL)
			242 min (SS-DL)
			266 min (DS-SL)
			484 min (DS-DL)
		8cm	41 min (SS-SL)
			75 min (SS-DL)
			82 min (DS-SL)
			150 min (DS-DL)
CD		12cm	74 min
		8cm	20 min
MP3		12cm	600 min

- The operating method of some DVD discs is specified by the software maker. Please refer to the instruction manual of the disc.
- The DVD Player will play most recordable (CD-R) or erasable (CD-RW) CDs, but playback of CD-R or CD-RW discs created on a computer requires proper formatting and finalization of the disc for audio playback. Some computers and/or software programs may not be capable of creating compatible discs.

About Disc Terms

- **Title**

  Generally, pictures or music compressed on a DVD are divided into several sections, “title”.

- **Chapter**

  The smaller section unit of picture or music in a DVD under the title, usually one title is comprised of one or more chapters and each of them is numbered for easy searching. Some discs may not have a recording chapter.

- **Track**

  A segment of picture or music on a CD. Each track is numbered for searching.

ns

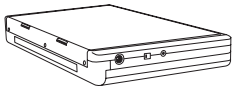
Power Supply

Using and Charging the Battery Pack

Charge the Battery Pack before using it the first time. Charging time is normally 3-4 hours. Do not charge the Battery Pack more than 4 hours as it could reduce service life. Normally, the Battery Pack can be charged approximately 300 times. When fully charged, the Battery Pack delivers 3-4 hours of continuous power.

Battery Pack should be fully charged before initial use!

1. Attaching the Battery Pack



Turn the player upside down on a smooth, clean surface. Direct the battery so that the battery contacts and the five plastic tabs are aligned with the matching contacts and tab recesses on the player.

2. Lock the Battery Pack to the Player

With one hand on the player to prevent it from moving, push the battery pack on to the player then slide the Battery Pack toward the front of the Player until you hear it click and lock into place.

3. Charging the Battery Pack

Plug the Power Adapter into the Player's DC-IN 12 V Jack (located on Right Side of Player). Plug the other end of the Power Cord into a household wall Power Outlet.

Basic Operation

Please read these instructions carefully before using your player for the first time.

1. Turn on the player's power by switching the POWER switch on the side of the player to "ON".
2. Press OPEN button on front panel to open the disc cover.
3. Remove the lens cover.
4. Load disc with the label facing up to prevent damage to the player or disc.
5. Close the disc cover. The player will automatically search for the disc and when it finds it, play will begin.

Warning: Do not play poor quality discs to prevent damage to the lens.

Start Playback

1. Press the PLAY button on the remote control.
2. Press ◀ ▲ ▼ ▶ (direction button) or the number buttons to select a scene.
3. Press ENTER or PLAY.

Pause

Press the PAUSE button on remote to pause.
Press the PLAY button to resume normal playback.

Zoom

Press the ZOOM button on remote to cycle through to different zoom settings.
Normal – 2x – 3x – 4x – 1/2 – 1/3 – 1/4.
While in zoom mode use direction keys to pan around to different positions on the picture.

Basic Operation

Stop
During playback, press the STOP button on the remote control to stop playing. Press the PLAY button again and the player will play from the point where it stopped.

Mode
During playback, press the mode button on the control panel to change the aspect ratio on the screen.

Title Menu
1. Press the TITLE button on the remote control during payback. The title menu will appear on the TFT screen.
2. Press ◄ ▲ ▼ ► (direction button) or the number buttons to select the title or disc option you wish to play.
3. Press the PLAY button to start playback.
4. NOTE: Title and Menu are only available for DVD discs.

Previous and Next
1. Press the PREV button on the remote control, and playback will start from the previous track.
2. Press the NEXT button on the remote control, and playback will start from the next track.

System Setup

GENERAL SET-UP

You can change the default settings to customize performance to your own preference.

1. Remove the disc from the DVD drive and press the 'SETUP' button on the remote control, the settings menu will appear. It includes General Setup, Speaker Setup, Dolby Digital Setup, Video Setup and Preference setup.
2. Press ◀ ▲ ▼ ▶ (direction buttons) on the remote control to select a category.
3. All the items in the category will appear on the TV screen. Press the 'ENTER' button to confirm your selection.

Category

1. When you enter a category all the items under this category will appear, and the items placed in the middle (or highlighted) will be the current set up.
2. Press ▶ (right direction button on the remote control to select the correct category.
3. Press the direction button to select your preference. The item you select will be highlighted.
4. Press the 'ENTER' button to confirm.
5. Press ◀ (left direction button) to enter the other setup menu.

General Setup

The general setup is shown as follows:

1. TV Display

Select NORAML/PS when a 4:3 TV is connected.

Display images with marking bars above and below the picture.

Select WIDE when a 16:9 wide screen TV is connected.

2. Angle Mark

If the scene was recorded from multiple angles, then you can easily change the camera angle of the scene you are watching.

ON/OFF

With this switched on you will be notified if alternative viewing angles are available.

3. **OSD Language**
   There are five kinds of different OSD languages for selection. You can select it according to your preference.
4. **SPDIF Output**
   This item is used to set the format of digital audio. 'SPDIF OFF' turns off the digital audio; 'SPDIF/RAW' outputs the original. For example, if the disc being played is Dolby Digital, then the digital audio output is also Dolby Digital.
5. **Captions**
   You can choose captions on or off on screen during playback.
6. **Screen Saver**
   When activated the screen saver automatically works if there has been no operation for a period of time.

Speaker Setup

1. **Down Mix**
   Select "LT/RT" in DOWNMIX, then the player will output mixed audio in a way prescribed by Dolby. Select "Stereo" and the player will output a stereo signal.

Dolby Digital Setup

1. **Dual Mono**
   The function is used to set the output mode of channel left/right, stereo and mixed sound.
2. **Dynamic**
   Use this item to adjust linear dynamic compression rate to get different signal compression effects.

Video Setup

1. **Sharpness**
   Use this item to adjust sharpness setting.

System Setup

Video Setup

2. Brightness

Use this item to adjust brightness level.

3. Contrast

Use this item to adjust contrast level.

Preference Page

1. Audio, Subtitle, Disc Menu

This setting allows you to hear or read subtitles of a DVD in your choice of English, Spanish or French.

2. Default Reset

Use this function to reset all the settings.

3. Version

Displays software version information.

NOTE: this menu function is not available while a disc is playing.

Audio

DVD discs contain up to 8 audio bit streams. For Example: English, French, etc. To select the audio bit stream you prefer press the AUDIO button on the remote control during playback. The DVD player will play the next audio bit stream every time you press the AUDIO button in succession.

NOTE: This function is only available for discs that several audio bit streams have been recorded onto.

Playback Functions

Fast Forward & Rewind

Press the ◀◀ and ▶▶ buttons to fast forward or rewind.

Slow Forward & Rewind

Press the SLOW button to slow forward or rewind.

Repeat

1. Repeat a title, chapter or track. Press the REPEAT button on the remote control. Pressing the REPEAT button repeatedly will display a menu as follows: **Chapter, Title and All**.
2. You can temporarily mark a section of a DVD that you would like to play repeatedly. Do this by marking the start and end of the section using the A/B button. During playback press the A-B button on the remote control at the beginning of the segment (point A) you wish to play repeatedly. Press the A-B button again at the end of the segment (point B).

The DVD player will automatically return to point A and repeat playback of the selected segment. (A-B). To resume normal playback press the A-B button again.

Subtitle

A DVD disc can be recorded with up to 32 subtitles.

Press the SUBTITLE button on the remote control and the mode of subtitles will cycle as follows: SUBTITLE 1/N: Subtitle 1 appears on the screen. SUBTITLE 2/N: Subtitle 2 appears on the screen.

SUBTITLE N/N: Subtitle N (N is the total number of subtitles that the current disc contains) appears on the screen. SUBTITLE OFF: No subtitle.

NOTE: This function is available on DVD disc that recorded with multi-subtitles.

Angle

If the scene was recorded from multiple angles, you can easily change the camera angle of the scene you are watching.

Press the ANGLE button on the remote control during playback. Playback will shift to another angle. If the disc menu gives the options of angles items, you can switch angles for viewing by pressing the number buttons on the remote control.

NOTE: This function is only available if a disc is a multi-angles recorded disc.

Playback Functions

Search by time

You can use the GOTO button to search by timee.(me)TjETEMC /P □□/MCCID 9 □□BDC BT/TT2 1Tjf10004 Tc -660592

Playback Functions

Playing a JPEG

JPEG is a common picture format that requires very little storage per image with a low loss rate in resolution. Hundreds of pictures can be stored on a disc in this format. In order to create digital albums from film pictures, have your film developer make a ”PICTURE CD”, in JPEG format.

OPERATION

1. Normal Playback

Load a JPEG disc in. After reading the disc, OSD will display the menu (the left side is the main menu and the right side is its submenu). Use the direction buttons and ENTER button to choose items.

- Many discs have other items besides pictures.
- Use left/right button to move cursor to playback mode column, use the up/down button to confirm.

2. Picture Rotation

Pictures can be flipped and rotated while they are displayed. Once another picture is selected, rotating function will be turned off.

There are four rotational modes available. Use the direction buttons to choose:

▲UP Flip Vertical

▼DOWN Flip Horizontal

◀LEFT Rotate Counter Clockwise

▶RIGHT Rotate Clockwise

3. Zoom of Picture

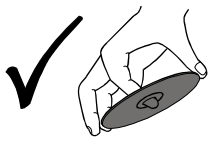
ZOOM button is used to turn on/off zoom and move function.

When the zoom function is turned on, use the fast forward or reverse scan button to zoom in and out. Use the direction buttons to pan around on the image. Press the STOP button to activate preview mode. Press the MENU button to return to the root menu.

Note: Due to the various ways JPEG discs are made, some images can only be played normally with no rotate or zooming functions.

Care of Discs

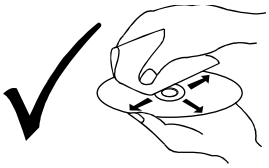
How to hold discs
When loading or removing discs, do not touch their playing surfaces.



Cleaning
Fingerprints or other dirt on the disc may affect sound and picture quality.

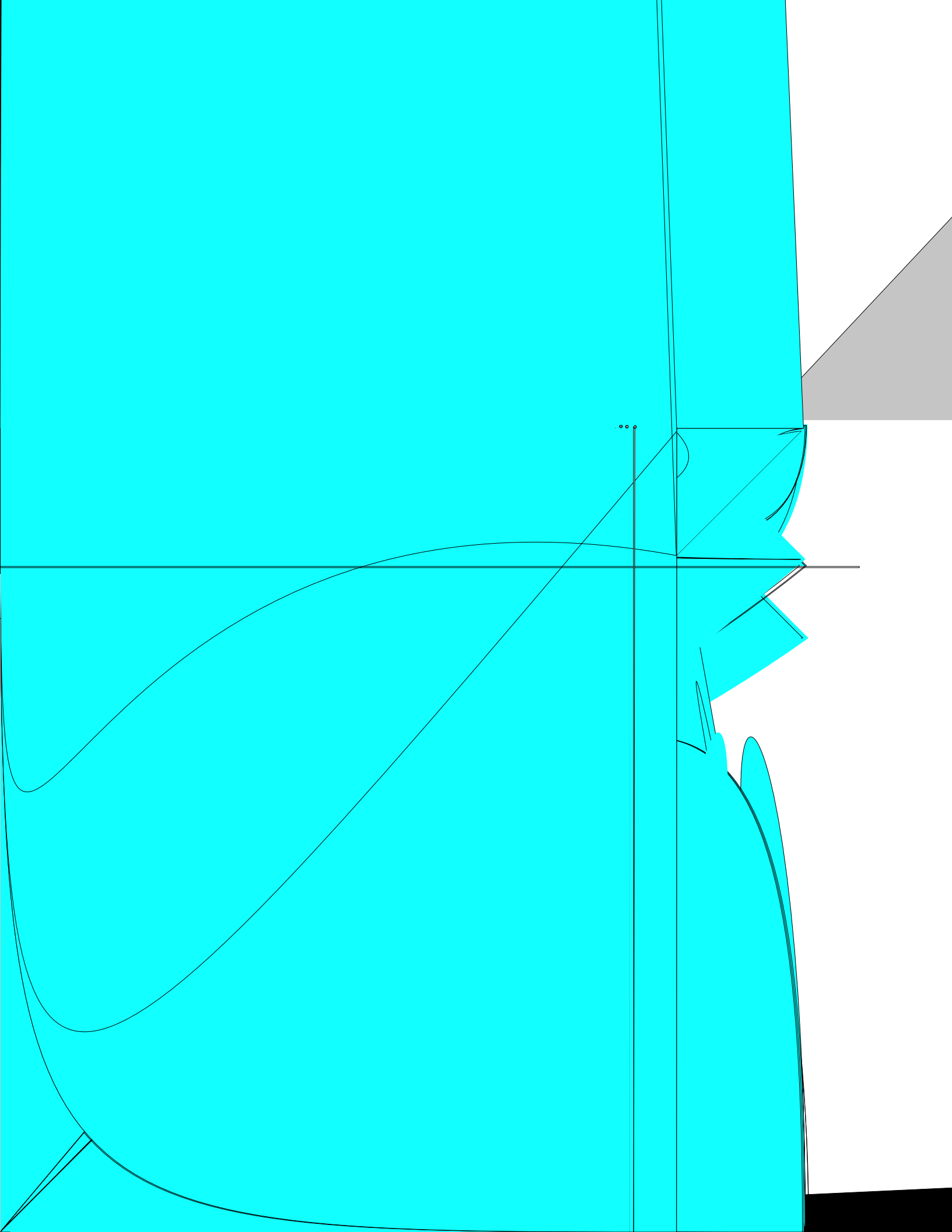
To clean your discs, use a soft clean cloth to wipe them. If necessary, moisten a soft cloth with diluted neutral detergent to remove heavy dirt or fingerprints.

Do not wipe in a circular direction (Concentric scratches in the disc groove tend to cause noise.)
Gently wipe from the inside to the outer edge.



Cleaning Care
Use a soft, dry cloth for cleaning. For stubborn dirt, soak the cloth in a mild detergent solution. Use a dry cloth to wipe the disc dry. Do not use any volatile agents such as benzine or paint thinner, as they may damage the surface of the disk.

Lens cleaner
The player's pickup lens should not become dirty under normal use, but if for some reason it should malfunction due to dirt, contact your nearest authorized service center. Lens cleaners are commercially available, but special care should be exercised in their use since some may cause damage to the lens.



Troubleshooting

SYMPTOM	WHAT TO CHECK
The player cannot play.	-Make sure the disc cover is closed. -Make sure the AV IN/OUT switch on the side of the player is in the OUT position for standard play -Make sure a disc is loaded. -Make sure the disc isn't loaded upside down. -Disc should be clean, not dirty or warped. -Player's region code should be the same as region code of DVD disc. -Has water condensation has occurred? If it has, remove the disc and keep the player powered up for at least two hours.
There is no sound.	-Make sure system connection is correct. -Make sure the speakers are turned on. -Make sure the sound setup of DVD disc is correct. -Is your disc dirty or warped? Clean or replace disc
There is no picture.	-Make sure TV is on and in correct video mode. -Make sure your system connection is correct.
Poor AV performance.	-Is your disc dirty or warped? Clean or replace disc.
Cannot continue to play and play a section repeatedly.	-Make sure the player is not in A-B repeat status. -Press A-B button to cancel it A-B repeat status. -Is your disc dirty or warped? Clean or replace disc.
The remote control does not work.	-Make sure there aren't any obstructions between the remote control and the player. -Make sure you are pointing the remote control at the player. -Make sure batteries are inserted correctly (check polarity). -Replace weak batteries.

WARNING: **Do not touch any metal objects to the battery connectors, as it will put the battery in standby mode. To get out of standby mode please connect the battery and portable DVD player to AC or DC power.**

Others possibilities:

Static or other external interference may cause the player to function abnormally. In this circumstance unplug the power-supply cord from the outlet and plug it in again to reset the player so that normal operation can resume. If you are still having problems, then please disconnect the power and consult your service center or a qualified technician.

Specifications

TFT screen size		7 inches
Laser Wavelength		Wavelength: 780/650nm
Video System		NTSC
Frequency Response		20Hz～20kHz ±2.5dB
Audio Signal-to-noise Rate		□ 85dB
Audio distortion + noise		□ -70dB (1kHz)
Channel Separation		□ 70dB (1kHz)
Dynamic Range		□ 80dB (1kHz)
Audio Out	Analog Audio Out	Out Level: 2V ± $^{0.2}_{1.0}$, Load: 10k□
	Digital Audio Out	Out Level: $0.5V_{P-P}$, Load: 75□
Video Out	Video Out	Out Level: $1V_{P-P}$ ± 0.2, Load: 75□ Unbalanced Negative
Power	AC100-240V～50/60Hz	
Power Consumption	25W	
Dimension w/o battery	7.7" x 5.7" x 1.1"	
Weight	1.8 lbs	
Compliance with FCC, FDA - cUL listed E209155		

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